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PHOTOGRAPHIC INTERPRETATION REPORT

NPIC/R-7/63  
February 1963

MISSION COVERAGE INDEX  
MISSION 3203  
10 DECEMBER 1962

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NAVY



AIR FORCE



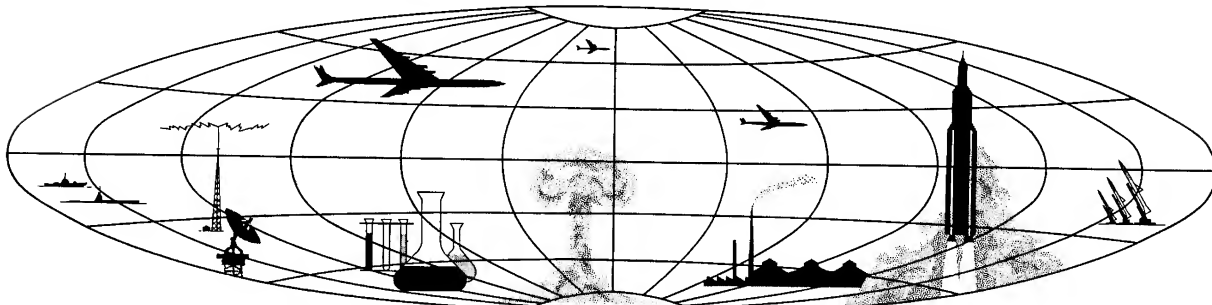
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## PREFACE

This Mission Coverage Index (MCI) furnishes a listing of items of intelligence interest covered by aerial photography from TALENT Mission 3203 dated 10 December 1962. Items in this listing are arranged by country and within the country by WAC area. Items are arranged within a WAC by coordinates reading from south to north and from west to east. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

For convenience of the user, a subject index to the intelligence targets has been included following the listing. Targets in the subject index are listed (1) by category, (2) alphabetically by country within the category, and (3) alphabetically by place name within each country.

The user of this MCI is cautioned that the scan of photography from Mission 3203 was accomplished in a relatively short time and often without the aid of precise analytical and mensural equipment commonly employed in detailed photographic analysis. Consequently, although this information is essentially accurate, future detailed analysis may somewhat alter portions of the information.

Mission 3203 covers the eastern part of the Sino-Indian Frontier area. The Lhasa, Gyangtse, and Zhikatse areas, including major military installations, were covered by good quality photography. Other items of intelligence interest covered by this Mission included: major routes; numerous, although relatively small storage and barracks areas along these routes; a possible electronics site at Zhikatse; communications sites; and, possible helicopter pads at military outposts in an area 75 NM NNE of Sadiya at 28-53N 095-58E and at a probable military area just north of Bum La (Pass) at 27-43N 091-54E.

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>-INDIA-</p> <p>GELLING AIRFIELD APPROXIMATELY 15 NM SSE OF GELLING AND JUST WEST OF JIDO. APPROXIMATELY 2,575 X 60 FT NE/SW SOD RUNWAY IS SERVICEABLE. (RUNWAY REPORTED 1,400 FT LONG IN SITUATION SUMMARY [REDACTED] SIXTEEN BUILDINGS OBSERVED. AIRCRAFT -- NONE OBSERVED.</p>	2859N 09453E	25X1A	[REDACTED]	50
<p>GETTE AREA, AIRFIELD APPROXIMATELY 4 NM SSE OF GETTE. APPROXIMATELY 2,100 X 200 FT NNW/SSE GRADED EARTH RUNWAY IS SERVICEABLE. AIRCRAFT -- NONE OBSERVED.</p>	2837N 09502E	0437		63
<p>DRI RIVER AREA, LANDING STRIP 75 NM NNE OF SADIYA. APPROXIMATELY 2,000 X 175 FT N/S SOD RUNWAY IS SERVICEABLE. AN AREA 75 FT WIDE IS OUTLINED ON LANDING STRIP. WEST OF RUNWAY ARE 9 BUILDINGS AND A SMALL WALLED AREA AND EAST OF RUNWAY ARE 8 SMALL BUILDINGS. AIRCRAFT -- NONE OBSERVED.</p>	2853N 09558E	0437		58
<p>SADIYA AREA, MILITARY OUTPOSTS AREA ABOUT 75 NM NNE OF SADIYA, NEAR DRI RIVER LANDING STRIP. FOUR MILITARY OUTPOSTS ARE IN THIS AREA AND ARE LOCATED WITH RESPECT TO DRI RIVER LANDING STRIP -- 7 NM SW OF STRIP, 10 NM WNW OF STRIP,</p>	2853N 09558E	0437		59

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	<p>17 NM SSW OF STRIP, AND 17 NM SE OF STRIP. EACH OUTPOST HAS A WALLED AREA, SEVERAL BUILDINGS, A LANDING T, AND A PROBABLE HELIPORT.</p> <p>[REDACTED]</p>				
25X1D	<p>JALPAIGURI AREA, LANDING STRIP 4 NM SW OF JALPAIGURI. E/W SOD RUNWAY OF UNDETERMINED LENGTH IS SERVICEABLE. AIRCRAFT -- NONE.</p> <p>[REDACTED]</p>	2630N 08840E	0553		9
25X1D	<p>BAGHDOGRA AIRFIELD ONE NM SOUTH OF BAGHDOGRA AND 6.5 NM WEST OF SILIGURI. APPROXIMATELY 6,000 X 150 FT N/S BLACKTOP RUNWAY WITH CONCRETE IMPACT AREAS IS SERVICEABLE. FACILITIES INCLUDE ONE PARKING APRON 580 X 210 FT AND ANOTHER APRON 300 X 150 FT, ONE HANGER 160 X 130 FT, ONE ADMINISTRATIVE-TYPE BUILDING AND 2 SHOP OR STORAGE BUILDINGS. APPROXIMATELY 50 TRUCKS AND NUMEROUS TENTS ARE IN VICINITY OF AIRFIELD. AIRCRAFT -- 3 FIGHTER/TRAINER JET AIRCRAFT, 2 LIAISON, ONE HELICOPTER, ONE SMALL UNIDENTIFIED SINGLE-ENGINE AND 4 LARGE CARGO AIRCRAFT.</p> <p>[REDACTED]</p>	2641N 08819E	25X1A [REDACTED]		10

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City, Installation	Coordinates	WAC	Installation Numbers	
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SILIGURI AREA, RAILROAD AND ROAD A GOOD ROAD AND A RAILROAD ARE OBSERVED BETWEEN SILIGURI AND 26-44N 089-17E. THE RAILROAD AND ROAD CROSS NUMEROUS BRIDGES OF VARIOUS LENGTHS AND TYPES. [REDACTED]	2645N 08827E	0553		4
SILIGURI AREA, LANDING STRIP 10 NM NE OF SILIGURI. (THIS AIRSTRIIP REPORTED AS SAUGRON AIRFIELD IN SITUATION SUMMARY OF [REDACTED] APPROXIMATELY 3,000 X 250 FT ESE/WWN GRADED EARTH RUNWAY IS SERVICEABLE. FACILITIES INCLUDE FOUR SMALL SHOP OR ADMINISTRATIVE BUILDINGS AND 6 STORAGE BUILDINGS. LETTERS WHICH APPEAR TO SPELL SAUGRON OR SHUGRON ARE VISIBLE ON GROUND NEAR AIRFIELD. AIRCRAFT -- NONE. [REDACTED]	2650N 08834E	0553		4-A
RANICHERA AREA, AIRFIELD 2.5 NM NNE OF RANICHERA. NW/SE SOD RUNWAY OF UNDETERMINED LENGTH IS SERVICEABLE. NO FACILITIES NOTED. AIRCRAFT -- NONE. [REDACTED]	2655N 08842E	0553		11
DARJEELING, MILITARY INSTALLATIONS MILITARY INSTALLATION AT SOUTH END OF CITY CONTAINS APPROXIMATELY 10 BARRACKS, SEVERAL OTHER BUILDINGS, AND A PARADE GROUND. MILITARY INSTALLATION AT NORTH END OF CITY CONTAINS A PARADE GROUND, GARAGE, APPROXIMATELY 30 BARRACKS, SEVERAL MULTISTORY BUILDINGS, AND NUMEROUS OTHER BUILDINGS. NINE VEHICLES NOTED AT LATTER INSTALLATION.	2703N 08816E	0553		6



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25X1D

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<div data-bbox="147 1024 573 1056"></div> <p>KALIMPONG-GANGTOK ROAD A SERVICEABLE, 2-LANE ROAD, PROBABLY GRAVEL, EXTENDS FROM KALIMPONG TO GANGTOK WHERE IT JOINS GANGTOK-YATUNG ROAD. IT CLOSELY FOLLOWS THE TISTA AND RONGNI RIVER VALLEYS. MILITARY ACTIVITY, INCLUDING A CONVOY OF AT LEAST 25 TRUCKS OR OTHER VEHICLES, 30 BARRACKS, 30 STORAGE BUILDINGS, 2 MOTOR POOLS CONTAINING AT LEAST 35 VEHICLES, AND NUMEROUS TENTS OBSERVED ALONG THE ROAD BETWEEN RANGPO (27-10N 088-32) AND SIWANI (27-15N 088-29E).</p>	2704N 08829E	0553		5-A
<div data-bbox="147 1360 597 1392"></div> <p>KALIMPONG-YATUNG ROAD THE ROAD FOLLOWS CLOSELY THE KALIMPONG-LHASA TRADE ROUTE. FROM KALIMPONG TO RANGLI (27-12N 088-41E) IT HAS AN IMPROVED, TWO-LANE, PROBABLE CRUSHED ROCK SURFACE. MANY NEW SWITCHBACKS HAVE BEEN CONSTRUCTED IN THE VICINITY OF 27-10N 088-40E. FROM RANGLI NORTHEASTWARD TO KUPUP (27-20N 088-49E) WHERE AN IMPROVED ROAD EXTENDS NE TO THE GANGTOK-YATUNG ROAD, THE ROAD APPEARS TO BE CONSIDERABLY LESS SERVICEABLE WITH LITTLE ACTIVITY NOTED. FROM KUPUP TO JELEP LA (PASS) TO RINCHENGANG IN THE CHUMBI VALLEY THE ROAD HAS NUMEROUS SWITCHBACKS, IS NARROW, AND HAS A NATURAL SURFACE. BETWEEN RINCHENGANG AND YATUNG, THE ROAD IS IMPROVED AND SERVICEABLE.</p>	2704N 08829E	0553		5-B
<div data-bbox="147 1822 857 1854"></div>				

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KALIMPONG AREA, HYDRO-ELECTRIC POWER PLANT 11 NM NNE OF KALIMPONG. SMALL HYDRO-ELECTRIC POWER PLANT ON RONGNI RIVER INCLUDES A SMALL DIVERSION DAM, A CANAL, AND A GENERATOR HALL. 25X1D [REDACTED]	2715N 08832E	0553		5
GANGTOK-YATUNG ROAD THE GANGTOK-YATUNG ROAD EXTENDS TO THE INDIA- TIBET BORDER AT NATU LA (PASS) (27-23N 088-49E). FROM THIS POINT A GOOD CONNECTING ROAD EXTENDS SE APPROXIMATELY 3 NM WHERE IT JOINS THE KALIMPONG-YATUNG ROAD AT KUPUP (27-20E 088-49N). THE ROAD NE FROM NATU PASS TO THE CHUMBI VALLEY APPEARS UNSERVICEABLE FOR HEAVY VEHICLES. BETWEEN RINCHENGANG (27-25N 088-56E) AND YATUNG, THE ROAD IS IMPROVED AND SERVICEABLE. VEHICULAR TRAFFIC AND SUPPORT FACILITIES WERE OBSERVED BETWEEN GANGTOK AND NATU PASS ESPECIALLY ON THE CONNECTING ROAD BETWEEN NATU PASS AND JELEP PASS ON THE KALIMPONG-YATUNG ROAD. 25X1D [REDACTED]	2722N 08839E	0553		7-A
GANGTOK, MILITARY CAMP NE EDGE OF GANGTOK. AREA APPROXIMATELY ONE NM LONG IS ADJACENT TO GANGTOK-YATUNG ROAD AND INCLUDES BARRACKS, TENTS, FOX HOLES, AND FIELD ARTILLERY POSITIONS. TRACK ACTIVITY AND NUMEROUS VEHICLES OBSERVED. 25X1D [REDACTED]	2723N 08840E	0553		7

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ZERO AIRFIELD 21 NM NW OF NORTH LAKHIMPUR. CONCRETE RUNWAY WITH ADJACENT SOD LANDING STRIP OBSERVED. RUNWAY IS CUT BY DRAINAGE FEATURE. SEVERAL BUILDINGS ARE IN AREA. AIRCRAFT -- NONE OBSERVED. AIRFIELD IS PROBABLY INACTIVE. [REDACTED]	2725N 09342E	25X1A		6
-TIBET-  LI-MA AREA, LANDING STRIP APPROXIMATELY 10 NM NNE OF LI-MA (RIMA). (THIS LANDING STRIP REPORTED AS TREBA LANDING STRIP IN SITUATION SUMMARY [REDACTED]) 800 X 75 FT NNE/SSW GRADED EARTH RUNWAY IS SERVICEABLE. AIRCRAFT -- UNIDENTIFIED LIGHT AIRCRAFT, PROBABLY DAMAGED. [REDACTED]	2834N 09705E	0436		10-B
CHUEH-LO-WA AREA, MILITARY INSTALLATION APPROXIMATELY 3.0 MILES NNW OF CHUEH-LO-WA. INSTALLATION INCLUDES APPROXIMATELY 30 BARRACKS AND ONE ADMINISTRATIVE AND 14 SUPPORT-TYPE BUILDINGS. (REPORTED IN SITUATION SUMMARY [REDACTED] AS CHUEH-LO-WA SUPPLY DEPOT AT 28-50N 097-32E.) [REDACTED]	2853N 09729E	0436		9-A
TSUNG REFUELING DEPOT IMMEDIATELY NE OF TSUNG. APPROXIMATELY 40 STORAGE OR BARRACKS-TYPE BUILDINGS AND APPROXIMATELY 12 BUILDING FOUNDATIONS OBSERVED.	2945N 09609E	0436		12

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<p>R/1661 HAZE, OBLIQUE</p> <p>TOWA DZONG AREA, BARRACKS AREA VICINITY OF TOWA DZONG. WALLED AREA CONTAINS 4 BARRACKS AND A PARADE GROUND.</p> <p>[REDACTED]</p>	2823N 09049E	0437		62
<p>NANGKARTSE DZONG AREA, TENTS 1.5 NM ENE OF NANGKARTSE DZONG. APPROXIMATELY 10 TENTS ARRANGED IN A SEMI- CIRCLE OBSERVED ON SOUTH BANK OF A STREAM. NO VEHICLES OR OTHER EQUIPMENT OBSERVED IN AREA.</p> <p>[REDACTED]</p>	2859N 09026E	0437		52
<p>TSONA DZONG AREA, MILITARY ACTIVITY APPROXIMATELY 5 NM NW OF TSONA DZONG. INSTALLATION CONTAINS 4 LARGE BARRACKS-TYPE BUILDINGS, ONE LARGE H-SHAPED BUILDING, 4 SMALLER BUILDINGS, 3 LARGE AND APPROXIMATELY 30 SMALL TENTS, AND 5 TRUCKS.</p> <p>[REDACTED]</p>	2802N 09154E	0437		38
<p>JIKYOP-LHAKHANG DZONG ROAD THIS ROAD HAS BEEN IMPROVED FROM NEAR VILLAGE OF NASHI AT 28-20N 091-25E TO 6 NM NW OF LHAKHANG DZONG WHERE THE ROAD TERMINATES A FEW THOUSAND FT EAST OF THE LHAKHANG DZONG-TOWA DZONG ROAD. SECTION OF THIS ROAD IS NEWLY CONSTRUCTED FROM NEAR DHAMA DZONG AT 28-12N 091-10E TO PRESENT TERMINUS JUST EAST OF LHAKHANG DZONG-TOWA DZONG ROAD.</p> <p>[REDACTED]</p>	2836N 09135E	0437		57

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<p>YAB PASS -- GYANGTSE ROAD</p> <p>NATURAL SURFACE ROAD BETWEEN YAB PASS AND GYANGTSE (28-57N 089-38E) APPEARS TO BE AN OLD ROAD THAT HAS BEEN IMPROVED. ROAD EXTENDS SW FROM A POINT IMMEDIATELY WEST OF YAB PASS AND ON THE SOUTH SIDE OF THE BRAHMAPUTRA RIVER. FOUR-TRUCK CONVOY OBSERVED MOVING NORTH AT 29-08N 090-28E AND A 3-TRUCK CONVOY OBSERVED MOVING NORTH AT 29-11N 090-31E. ROAD CONTAINS MANY SWITCHBACKS FROM 29-17N 090-38E TO 29-11N 090-35E. A BRIDGE LOCATED AT 28-51N 089-50E APPEARS PARTLY WASHED OUT AND TRAFFIC IS FORDING STREAM JUST NORTH OF BRIDGE.</p>	2918N 09042E	0437		47
<p>YAB PASS-TSETHANG ROAD</p> <p>NATURAL SURFACE, IMPROVED ROAD OBSERVED BETWEEN YAB PASS AND LIMITS OF COVERAGE AT TSETHANG (29-17N 091-47E). FIVE TRUCKS HEADED NORTH AND THREE TRUCKS HEADED SOUTH OBSERVED BETWEEN 29-18N 090-57E AND 29-17N 090-55E.</p>	2918N 09042E	0437		47-A
<p>YAB PASS REST AREA</p> <p>APPROXIMATELY 30 NM SW OF LHASA AND 2,500 FT NORTH OF A MASONRY BRIDGE ACROSS BRAHMAPUTRA RIVER. THREE TENT AREAS HERE CONTAIN A TOTAL OF APPROXIMATELY 60 TENTS. FIFTEEN CARGO TRUCKS IN AREA.</p>	2920N 09040E	0437		47-B
<p>TSETHANG MILITARY STORAGE DEPOT</p> <p>APPROXIMATELY 40 NM SE OF LHASA ON SOUTH BANK OF BRAHMAPUTRA. SECURED STORAGE AREA CONTAINS 10 STORAGE-TYPE BUILDINGS, 2 ASSOCIATED BARRACKS-TYPE</p>	2915N 09145E	0437		6

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BUILDINGS, 2 STICK MASTS, AND SEVERAL OTHER BUILDINGS. SOUTH OF DEPOT .5 NM AND ALONG EAST SIDE OF THE TSETHANG-CHAYUL (28-18N 092-48E) ROAD IS AN AREA WITH 11 BARRACKS OR STORAGE-TYPE BUILDINGS AND ONE POSSIBLE ADMINISTRATIVE-TYPE BUILDING. [REDACTED]		25X1A		
LHASA ARMY BARRACKS SE PEITING APPROXIMATELY 7 NM SE OF LHASA AND JUST SOUTH OF LHASA-DECHHEN DZONG HIGHWAY. SECURED GARRISON CONTAINS APPROXIMATELY 75 BARRACKS AND 50 POSSIBLE STORAGE BUILDINGS, AN ADMINISTRATION BUILDING, A DRILL FIELD AND 7 VEHICLES PARKED NEAR MAIN GATE. [REDACTED]	2937N 09115E	[REDACTED]		2-S
LHASA ARMY BARRACKS SOUTH THIP JUST SOUTH OF LHASA ON SOUTH BANK OF KYI CHHU (RIVER). WALLED AREA CONTAINS SEVERAL ADMINISTRATIVE-TYPE BUILDINGS, APPROXIMATELY 20 BARRACKS, 15 STORAGE-TYPE BUILDINGS, AND 30 OTHER BUILDINGS. [REDACTED]	2938N 09106E	25X1A		2-T
LHASA HEADQUARTERS 54TH ARMY ELEMENT JUST NORTH OF HIGHWAY BRIDGE. MILITARY HEADQUARTERS AREA CONTAINS APPROXIMATELY 35 BUILDINGS. APPROXIMATELY 10 VEHICLES OBSERVED. [REDACTED]	2938N 09107E	0437		2-P

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25X1D

25X1D

25X1D

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LHASA ARMY BARRACKS W NORTU LINGKA IMMEDIATELY WEST OF LHASA. MILITARY INSTALLATIONS ARE IN AN AREA EXTENDING FROM THE WEST EDGE OF LHASA FOR A DISTANCE OF APPROXIMATELY 6 MILES ALONG KYI CHHU (RIVER). EACH MILITARY INSTALLATION CONTAINS NUMEROUS BARRACKS, STORAGE, AND OTHER BUILDINGS. ALSO IN THE VICINITY ARE MILITARY HOSPITAL, ONE SMALL TENT AREA AND ONE TRANSPORTATION HEADQUARTERS. APPROXIMATELY 500 VEHICLES ARE PARKED THROUGHOUT THE AREA. <div></div>	2939N 09102E	25X1A		2-R
LHASA COMPLEX APPROXIMATELY 5 SQ MI IN AREA. LHASA IS A MAJOR MILITARY SUPPLY AND TRANSPORTATION CENTER. SIGNIFICANT ROAD BRIDGE ACROSS KYI CHHU (RIVER) IS APPROXIMATELY 2,000 FT LONG. (MILITARY INSTALLATIONS WITHIN ENVIRONS REPORTED SEPARATELY.) <div></div>	2939N 09106E	25X1A		2
LHASA AREA MILITARY CAMP ONE NM NW OF LHASA. CAMP CONTAINS 5 LARGE STORAGE BUILDINGS, 11 SMALL SUPPORT BUILDINGS, APPROXIMATELY 220 TENTS AND 100 VEHICLES. <div></div>	2939N 09106E	0437		2-A1
LHASA - TEMO GOMPA ROAD THE ROAD IS DUAL-LANE AND HAS AN IMPROVED NATURAL SURFACE. TOTAL OF APPROXIMATELY 20 VEHICLES AT VARIOUS POINTS WERE OBSERVED. MAJOR BRIDGES INCLUDE -- (1) 2,000 FT DECK-TYPE OVER KYI CHHU AT 29-38N 091-10E, ONE NM EAST OF LHASA	2939N 09106E	0437		2-V1

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25X1D	[REDACTED] (2) 200 FT THROUGH TRUSS-TYPE OVER GIAMDA CHU AT 29-54N 093-26E, 14 NM SE OF GIAMDA DZONG [REDACTED] (3) 170 FT DECK-TYPE OVER TRIBUTARY OF GIAMDA CHHU AT 29-46N 094-00E, 4 NM EAST OF DZEM [REDACTED] (4) 525 FT DECK-TYPE OVER DRUKLA CHHU AT 29-49N 093-46E, 2 NM NORTH OF TRO [REDACTED]				
25X1D	LHASA-YAB PASS ROAD IMPROVED NATURAL SURFACE ROAD EXTENDS SW FROM LHASA AND CROSSES A 180 FT THROUGH-TRUSS, ONE LANE, 3 SPAN, 2 PIER BRIDGE AT 29-38 091-00E. ROAD PARALLELS NORTH BANK OF KYI CHHU (RIVER) TO POINT THREE MILES SW OF CHHUSHU WHERE ROAD CROSSES THE BRAHMAPUTRA RIVER ON A 400 FT MASONRY DECK BRIDGE CONNECTED BY AN ISLAND CAUSEWAY TO A 500 FT PONTOON BRIDGE. FORTY-FIVE TRUCKS HEADED SOUTH PARKED ON ROAD NORTH OF BRIDGES. [REDACTED]	2939N 09106E	0437		2-W
25X1D	LHASA ARMY BKS CENTRAL S MARKAR SABA SOUTH EDGE OF LHASA. INSTALLATION CONTAINS 9 GUARD TOWERS, APPROXIMATELY 65 BARRACKS, 70 SUPPORT BUILDINGS, 8 ADMINISTRATIVE-TYPE BUILDINGS, A MOTOR POOL, AND OPEN STORAGE. FIFTEEN VEHICLES OBSERVED. [REDACTED]	2939N 09107E	25X1A [REDACTED]		2-Q



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25X1D LHASA AREA, MOTOR POOL ONE NM NE FROM CENTER OF LHASA. MOTOR POOL IS A SECURED AREA CONTAINING APPROXIMATELY 60 VEHICLES AND APPROXIMATELY 25 BUILDINGS. [REDACTED]	2939N 09107E	0437		2-Z
25X1D LHASA AREA, HIGH FREQUENCY BROADCAST SITE 7.5 NM ESE OF LHASA AND JUST SOUTH OF LHASA- DECHHEN DZONG HIGHWAY. SITE CONSISTS OF ONE VERTICAL OMNIDIRECTIONAL RADIATOR TOWER AND ONE TRANSMITTER BUILDING WITHIN A CIRCULAR AREA (GROUND PLANE REFLECTOR) APPROXIMATELY 1,000 FT IN DIAMETER. ADJACENT IS A SECURED CONTROL AREA CONSISTING OF CONTROL BUILDING WITH 2 COOLING PONDS, 9 SUPPORT OR MAINTENANCE BUILDINGS, AND APPROXIMATELY 4 DIRECTIONAL HIGH FREQUENCY ANTENNAS WITH VERTICAL RADIATORS. SOME EVIDENCE OF CONSTRUCTION NOTED. [REDACTED]	2939N 09115E	0437		2-Y
LHASA AREA, MILITARY CAMP 2.5 NM NNE FROM CENTER OF LHASA, ALONG ROAD TO NAGCHHU DZONG. MILITARY GARRISON CONSISTING OF ONE OPEN AND 3 ENCLOSED AREAS. THE OPEN AREA AND 2 OF THE ENCLOSED AREAS CONTAIN VEHICLE PARKS. GARRISON AREA CONTAINS A TOTAL OF 7 ADMINISTRATIVE BUILDINGS, APPROXIMATELY 40 BARRACKS, 65 SMALL SUPPORT BUILDINGS, AND APPROXIMATELY 465 VEHICLES. JUST EAST OF THIS GARRISON ANOTHER ENCLOSED MILITARY AREA CONTAINS APPROXIMATELY 40 BARRACKS, ONE ADMINISTRATIVE AND 60 SUPPORT BUILDINGS, AND 22 VEHICLES.	2940N 09107E	0437		2-01

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L/533,538 CLEAR				
25X1D 5X1D LHASA TO NAGCHHU DZONG ROAD THIS ROAD WAS OBSERVED FROM LHASA TO LIMITS OF COVERAGE AT APPROXIMATELY 30-10N 090-30E. IT RUNS ROUGHLY NE OF AND PARALLEL TO THE TOLUNG CHHU (RIVER). (THE ROAD REPORTED IN THE SITUATION SUMMARY OF [REDACTED] AS THE LHASA- WEN-CHUAN ROAD EXTENDS DIRECTLY NORTH OF LHASA AND MAY CONNECT BY TRAIL WITH THE MAIN LHASA - NAGCHHU DZONG ROAD.) [REDACTED]	2940N 09110E	0437		2-U
25X1D LHASA POSSIBLE MILITARY HEADQUARTERS APPROXIMATELY 2 NM NORTH OF LHASA. INSTALLATION INCLUDES A LARGE, MULTIWING BUILDING, APPROXIMATELY 20 BARRACKS OR STORAGE-TYPE BUILDINGS, AND APPROXIMATELY 15 OTHER BUILDINGS. APPROXIMATELY 20 VEHICLES OBSERVED. [REDACTED]	2941N 09106E	0437		2-O
25X1D SHANGGANG MILITARY OUTPOST OUTPOST CONSISTS OF TWO ENCLOSED AREAS. AREA SOUTH OF ROAD CONTAINS 7 BARRACKS-TYPE BUILDINGS. AREA NORTH OF ROAD CONTAINS 4 BARRACKS-TYPE BUILDINGS. THREE VEHICLES NOTED. [REDACTED]	2947N 09153E	0437		25-A
NUMARI REST, REFUEL AREA APPROXIMATELY 28 NM SW OF GIAMDA DZONG. A WALLED RECTANGULAR AREA CONTAINS 4 BARRACKS OR STORAGE-TYPE BUILDINGS AND ONE LARGE L-SHAPED BUILDING, POSSIBLY ADMINISTRATIVE. TOWERS ARE AT 3 CORNERS OF THE WALL AND A MOAT IS AT ALL 4 CORNERS. TWO SMALL, STORAGE-TYPE	2954N 09231E	0437		24

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	BUILDINGS ARE WEST OF WALLS. ONE TRUCK IS PARKED ON EDGE OF ROAD IN FRONT OF GENERAL AREA. JUST TO THE EAST OF GENERAL AREA IS ANOTHER AREA CONTAINING 12 SMALL, STORAGE-TYPE BUILDINGS AND 2 TRUCKS. [REDACTED]				
25X1D	TRO AREA, PROBABLE MILITARY INSTALLATION JUST NORTH OF TRO ON EAST SIDE OF DRUKLA CHHU (RIVER). FOUR BARRACKS-TYPE BUILDINGS, ONE PROBABLE MOTOR POOL, AND NUMEROUS SMALL SUPPORT-TYPE BUILDINGS. [REDACTED]	2947N 09347E	0437		13-A
25X1D	DZEM, REST-MAINTENANCE AREA INSTALLATION CONSISTS OF 3 AREAS ENCLOSED BY WALLS -- ONE FOR HOUSING, ONE PROBABLE MOTOR POOL, AND ONE UNIDENTIFIED. [REDACTED]	2947N 09352E	0437		21-A
25X1D	SEB AREA, POSS MILITARY INSTALLATION IMMEDIATELY SE OF SEB. TENTS, NUMEROUS BARRACKS-TYPE BUILDINGS, AND VEHICLES OBSERVED. [REDACTED]	2952N 09342E	0437		53
25X1D 25X1D	GIAMDA DZONG REST-MAINTENANCE AREA NO APPARENT CHANGE SINCE [REDACTED] [REDACTED]	2956N 09316E	0437		12-A

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
SHO KHA DZONG - TONGKYNK DZONG ROAD SINGLE-LANE, PROBABLE GRAVEL SURFACE ROAD OBSERVED BETWEEN SHO KHA DZONG AND TONGKYNK DZONG (29-57N 094-51E). NO VEHICULAR TRAFFIC OBSERVED. 25X1D [REDACTED]	2958N 09347E	0437		51-B
TEMO GOMPA - NANKHAZOD ROAD THIS TWO-LANE NATURAL-SURFACE ROAD OBSERVED BETWEEN 29-56N 095-38E AND 29-40N 096-23E. AN 800 FT HIGHWAY BRIDGE OVER THE POTO CHHU WAS OBSERVED AT 29-03N 095-35E. 25X1D [REDACTED]	2929N 09429E	0437		44-A
CHOMO DZONG MILITARY AREA 4 NM NW OF CHOMO DZONG. AREA CONSISTS OF 6 SITES, EACH CONTAINING NUMEROUS BARRACKS, STORAGE BUILDINGS, AND A PROBABLE MOTOR POOL. 25X1D [REDACTED]	2941N 09416E	0437		5
NYANGLU AREA, PROBABLE MILITARY AREA APPROXIMATELY 5 NM EAST OF NYANGLU. SEVERAL BARRACKS-TYPE BUILDINGS UNDER CONSTRUCTION ARE ON BOTH SIDES OF A TRIBUTARY OF THE GIAMDA CHHU (RIVER). 25X1D [REDACTED]	2945N 09408E	0437		20-A
CHOMO DZONG, MILITARY INSTALLATION APPROXIMATELY 8 NM NW OF CHOMO DZONG. MILITARY INSTALLATION CONTAINS 6 COMPLETED BARRACKS, 5 BARRACKS UNDER CONSTRUCTION, ONE ADMINISTRATIVE-TYPE BUILDING, AND 6 SUPPORT- TYPE BUILDINGS. TWENTY-SIX TRUCKS ARE IN THE AREA. 25X1D [REDACTED]	2950N 09411E	0437		5-A

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	KHATA BARRACKS AREA 6 NM ESE OF THE CONFLUENCE OF POTO CHHU AND BRAHMAPUTRA. BARRACKS AREA CONTAINS APPROXIMATELY 275 BUILDINGS, SOME OF WHICH ARE WITHIN TWO WALLED AREAS. AREA ALSO CONTAINS A HOSPITAL AND APPROXIMATELY 90 BUILDING FOUNDATIONS. NO ACTIVITY NOTED IN AREA. (SINGLE-LANE CONCRETE BRIDGE LINKING SECTIONS OF INSTALLATION AND REPORTED IN SITUATION SUMMARY [REDACTED] AS 38 FT LONG IS ACTUALLY 380 FT LONG.) [REDACTED]	2951N 09548E	0437		46
25X1D			25X1A		
25X1D	LHASA AIRFIELD IDENTIFICATION ONLY. [REDACTED]	3030N 09107E			1
25X1D	SHO KHA DZONG AREA, POSSIBLE BARRACKS APPROXIMATELY 5 NM ENE OF SHO KHA DZONG. TEN BARRACKS-TYPE BUILDINGS OBSERVED. [REDACTED]	3000N 09353E	0437		51
25X1D	SHO KHA DZONG AREA, PROB MILITARY INSTALLATION APPROXIMATELY 7 NM ENE OF SHO KHA DZONG. BARRACKS-TYPE BUILDINGS, NUMEROUS TENTS, AND A PROBABLE MOTOR POOL OBSERVED. [REDACTED]	3000N 09355E	0437		51-A
25X1D	CHONGDZA AREA, MILITARY INSTALLATION 1.5 NM EAST OF CHONGDZA. FORTIFIED AREA CONTAINS 4 WEAPONS POSITIONS, 3 BUILDINGS, AND PERIMETER TRENCHES. FOUR UNOCCUPIED GUN EMPLACEMENTS ARE LOCATED 500 FT SOUTH OF FORTIFIED AREA.	2828N 08952E	0438		15

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	<div></div> GYANGTSE AREA, POSSIBLE BARRACKS AREA 23 NM SOUTH OF GYANGTSE. AREA CONTAINS 6 BARRACKS-TYPE BUILDINGS, ONE LARGE ADMINISTRATIVE BUILDING, AND 6 OTHER BUILDINGS ENCLOSED BY A WALL. SMALL OPEN STORAGE AREA IS IN SW CORNER OF COMPOUND.	2833N 08941E	0438		12-D
25X1D	<div></div> GYANGTSE AREA, MILITARY INSTALLATION 4.5 NM NW OF GYANGTSE. MILITARY INSTALLATION INCLUDES 9 BARRACKS, 4 ADMINISTRATION BUILDINGS, AND 4 BUILDINGS UNDER CONSTRUCTION. JUST SW OF THIS CAMP IS A POSSIBLE MILITARY STORAGE AREA WITH 3 STORAGE BUILDINGS AND A FENCED AREA CONTAINING POSSIBLE OIL DRUMS.	2857N 08931E	0438		12-F
25X1D	<div></div> GYANGTSE COMPLEX COMPLEX LOCATED AT JUNCTION OF ROAD TO SIKKIM. BRIDGE OVER NYANG CHHU (RIVER) CONNECTING GYANGTSE WITH MAIN ROAD IS TWO-LANE, MULTI- PIER, AND APPROXIMATELY 400 FT LONG. (GYANGTSE ARMY BARRACKS REPORTED SEPARATELY.)	2857N 08938E	25X1A		12
25X1D	<div></div> GYANGTSE-YATUNG ROAD THIS IS A 2-LANE GRAVEL ROAD, PROBABLY ALL- WEATHER. FOUR TRUCKS WERE OBSERVED ON THE NORTHERN SECTION OF HIGHWAY AND NUMEROUS VEHICLES WERE OBSERVED AT POINTS ON THE SOUTHERN SECTION OF THE HIGHWAY. MAJOR BRIDGES OBSERVED INCLUDE -- DECK-TYPE BRIDGE APPROXIMATELY 250 FT LONG OVER TRIBUTARY OF	2857N 08938E	0438		12-A

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	THE NYANG CHHU AT 28-32N 089-41E (FRAMES [REDACTED] DECK-TYPE BRIDGE APPROXIMATELY 125 FT LONG OVER THE TRIBUTARY OF THE NYANG CHHU AT 28-42N 089-39E (FRAMES 25X1D [REDACTED] A PROBABLE DEFENSE POSITION CONSISTING OF ONE 150 FT LONG PERSONNEL TRENCH AND ONE TENT IS LOCATED 120 FT EAST OF LATTER BRIDGE. 25X1D [REDACTED]				
	GYANGTSE ARMY BARRACKS SE SIDE OF GYANGTSE. NINE SEPARATE AREAS, 6 OF WHICH ARE SEPARATELY WALLED, COMPRISE A MILITARY INSTALLATION OR POSSIBLY AN AGRICULTURAL COMMUNE. INSTALLATION INCLUDES 55 BARRACKS-TYPE BUILDINGS, 7 WAREHOUSES, 14 ADMINISTRATION-TYPE BUILDINGS AND NUMEROUS OTHER BUILDINGS INCLUDING A POSSIBLE PRISON. SMALL PERSONNEL TRENCH WITH 16 FIRING BAYS IS LOCATED ALONGSIDE ONE OF THE AREAS. TWENTY-TWO VEHICLES ARE IN GENERAL AREA. 25X1D [REDACTED]	2857N 08938E	25X1A [REDACTED]		12-B
	GYANGTSE-ZHIKATSE ROAD THIS IS AN IMPROVED, NATURAL SURFACE, DUAL- LANE, ALL-WEATHER ROAD BETWEEN GYANGTSE AND ZHIKATSE (29-15N 088-53E). BRIDGES ARE OBSERVED ON THIS ROAD AS FOLLOWS -- 150 FT DECK-TYPE AT 29-13N 088-53E, 50 FT DECK-TYPE AT 29-13N 088-54E, AND 700 FT DECK-TYPE IN 2 SECTIONS AT 29-05N 089-17E. 25X1D [REDACTED]	2857N 08938E	0438		12-G

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
ZHIKATSE-RINPHUNG DZONG ROAD SECTION OF ROAD, OBSERVED EASTWARD FROM ZHIKATSE FOR APPROXIMATELY 30 NM, IS NATURAL SURFACE AND 2-LANE. MASONRY, DECK-TYPE BRIDGE (29-16N 088-53E) ACROSS THE NYANG CHHU, ONE NM EAST OF ZHIKATSE, IS APPROXIMATELY 750 FT LONG	2915N 08852E	0438		2-G
ZHIKATSE COMPLEX COMPLEX IS AT A MAJOR ROAD JUNCTION AND CONTAINS 5 MILITARY AREAS OR AGRICULTURAL COMMUNE AREAS AS FOLLOWS -- (1) WALLED MILITARY STORAGE AREA ON NORTH EDGE OF TOWN CONSISTS OF 4 LARGE STORAGE BUILDINGS AND A FIFTH UNDER CONSTRUCTION, ONE SHED, ONE SMALL SUPPORT BUILDING, AND NUMEROUS CANVAS- COVERED STACKS OF MATERIAL IN OPEN STORAGE. OUTSIDE WALLED AREA IN ADJACENT VALLEY ARE NUMEROUS OPEN-STORAGE AREAS. THREE VEHICLES ARE IN AREA. (2) BARRACKS AREA .5 NM NORTH OF TOWN CONTAINS 9 COMPLETED BARRACKS AND 7 BARRACKS UNDER CONSTRUCTION, ONE ADMINISTRATION BUILDING UNDER CONSTRUCTION, ONE LARGE AND 2 SMALL SUPPORT BUILDINGS, ONE SHED AND 3 VEHICLES. (3) THREE ADJACENT WALLED BARRACKS AREAS ON SOUTH EDGE OF TOWN INCLUDE A TOTAL OF 8 LARGE AND 8 SMALL BARRACKS, 3 ADMINISTRATIVE BUILDINGS, 6 SUPPORT BUILDINGS, ONE LARGE BUILDING, AND 4 GUARD TOWERS. (4) WALLED BARRACKS AREA JUST WEST OF THIRD AREA INCLUDES 23 BARRACKS, ONE MESS HALL, 2 ADMINISTRATIVE BUILDINGS, 23 OTHER BUILDINGS, 29 TENTS AND 4 GUARD TOWERS. (5) TWO ADJACENT WALLED AREAS .5 NM SOUTH OF	2915N 08853E	0438		2



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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	TOWN INCLUDE 12 MULTIWING BUILDINGS, 10 SUPPORT BUILDINGS, AND 5 GUARD TOWERS. [REDACTED]		25X1A		
	ZHIKATSE ARMY BARRACKS ONE NM SOUTH OF ZHIKATSE ON ROAD TO GYANGTSE. WALLED AREA CONTAINS APPROXIMATELY 75 BARRACKS AND STORAGE-TYPE BUILDINGS, 6 ADMINISTRATIVE OR SUPPORT BUILDINGS, AND 15 VEHICLES. AREA MAY BE EITHER A MILITARY CAMP OR AGRICULTURAL COMMUNE. A MOTOR POOL .5 NM SOUTH OF ABOVE AREA CONTAINS 7 BUILDINGS AND APPROXIMATELY 30 TRUCKS. [REDACTED]	2915N 08853E	[REDACTED]		2-B
25X1D					
	ZHIKATSE-TINGRI DZONG ROAD IMPROVED NATURAL SURFACE ROAD EXTENDS FROM ZHIKATSE SW THROUGH THE VILLAGES OF CHANGMA (29-11N 088-47E) AND SHAPPEDING (29-12N 088-22E) TO LIMITS OF COVERAGE AT APPROXIMATELY 29-05N 087-35E. A 350 FT MASONRY DECK BRIDGE IS OBSERVED AT 29-12N 088-22E. TWO TRUCKS OBSERVED HEADED NORTH AT APPROXIMATELY 29-12N 088-17E. [REDACTED]	2915N 08853E	0438		2-H
25X1D					
25X1D	[REDACTED]				

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
GYANGTSE AREA, MILITARY BARRACKS AREA 10 NM NW OF GYANGTSE. THIS MILITARY AREA INCLUDES ONE BUILDING UNDER CONSTRUCTION, 9 BARRACKS BUILDINGS, NUMEROUS SUPPORT BUILDINGS, AND 17 TENTS. THREE VEHICLES OBSERVED. 25X1D [REDACTED]	2901N 08929E	0438		12-E
ZHIKATSE AREA, POSS ELECTRONICS SITE 7.5 NM ENE OF ZHIKATSE. ONE POSSIBLE RADAR TOWER AND A STICK MAST ARE LOCATED ON TOP OF HILL OVERLOOKING SMALL VILLAGE. A TALL BUILDING IS AT BASE OF HILL AND NEARBY IS A LARGE QUADRANGLE-SHAPED BUILDING WITH PARKING AREA. IN THE VILLAGE ARE ONE LARGE, ONE MEDIUM, AND SEVEN SMALL TENTS. AREA SERVED BY SINGLE-POLE POWER LINE FROM ZHIKATSE. 25X1D [REDACTED]	2919N 08900E	0438		2-F
YATUNG AREA, MILITARY STRONGPOINTS 5 NM SW OF YATUNG AND JUST EAST OF NATU LA (PASS). TWO DEFENSIVE POSITIONS, EACH CONSISTING OF TRENCH SYSTEMS WITH FIRING BAYS, STONE WALLS, AND SEVERAL BUILDINGS OBSERVED. NO MILITARY EQUIPMENT OBSERVED. (THIS AREA REPORTED AS YATUNG BARRACKS AREA IN SITUATION SUMMARY OF 25X1D [REDACTED])	2725N 08852E	0553		1-B

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
YATUNG AREA, TRENCHES 5 NM SOUTH OF YATUNG. A CONTINUOUS TRENCH SYSTEM COMPLETELY ENCIRCLES A RIDGE 5 NM SOUTH OF YATUNG. SEVERAL AUTOMATIC WEAPONS BAYS ARE VISIBLE AND THE TRENCHES APPEAR TO BE OF RECENT CONSTRUCTION. [REDACTED]	2727N 08854E	0553		1-I
YATUNG ARMY BARRACKS SOUTH EDGE OF YATUNG. MILITARY AREA CONTAINS 3 SECURED MILITARY INSTALLATIONS WITH HOUSING, ADMINISTRATIVE, AND BARRACKS-TYPE BUILDINGS. INSTALLATIONS ALSO CONTAIN PERSONNEL TRENCHES WITH FIRING BAYS AND 2 UNOCCUPIED AUTOMATIC WEAPONS POSITIONS. [REDACTED]	2729N 08854E	0553		1
YATUNG SMALL VILLAGE (YATUNG ARMY BARRACKS REPORTED SEPARATELY). [REDACTED]	2729N 08854E	0553		1-A
YATUNG AREA, BARRACKS AREA 3 NM ENE OF YATUNG. THIS INSTALLATION HAS BEEN DISMANTLED. (REPORTED AS BEING PARTIALLY COMPLETED IN [REDACTED])	2730N 08857E	0553		1-C
PHARI DZONG, POSSIBLE COMMUNICATION SITES AT PHARI DZONG. ONE SITE IMMEDIATELY EAST OF TOWN INCLUDES TWO BUILDINGS AND TWO STICK MASTS LOCATED ON A HILL AND ONE BUILDING AND TWO STICK MASTS AT	2745N 08910E	0554		3-B

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			BE	NPIC
25X1D THE FOOT OF THIS HILL. SECOND SITE IMMEDIATELY SSW OF PHARI DZONG CONSISTS OF TWO BUILDINGS AND TWO STICK MASTS. [REDACTED]				
25X1D BUM LA (PASS), PROBABLE MILITARY AREA JUST NORTH OF BUM LA (PASS). (COORDINATES REPORTED FOR THIS AREA IN SITUATION SUMMARY [REDACTED] ARE INCORRECT.) LARGE PROBABLE MILITARY AREA CONTAINS APPROXIMATELY 200 BUILDINGS WITH NUMEROUS INTERCONNECTING ROADS, PROBABLY GRAVEL, LEADING TO SCATTERED GROUPS OF FROM TWO TO 20 BARRACKS-TYPE BUILDINGS. THREE POSSIBLE HELICOPTER PADS OBSERVED. AREA IS SERVED BY THE TSONA DZONG (27-59N 091-56E) TO TOWANG (27-34N 091-52E) ROAD. [REDACTED]	2743N 09154E	0554		1
25X1D TSONA DZONG COMPLEX TOWN IS ABANDONED AND IN RUINS. [REDACTED]	2759N 09159E	0554		4
25X1D TSONA DZONG-TOWANG ROAD ROAD, PROBABLY GRAVEL, OBSERVED BETWEEN TSONA DZONG AND APPROXIMATELY 27-50N 091-50E. TOTAL OF APPROXIMATELY 90 TRUCKS OBSERVED AT VARIOUS POINTS MOVING NORTH. (VEHICULAR COUNT INCLUDES 40 TRUCKS REPORTED IN SITUATION REPORT OF 10 [REDACTED])	2759N 09159E	0554		4-B

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APPENDIX  
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AND PHOTO REFERENCES

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers--The Installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second column lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since the installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0437-1 and an NPIC target numbered 0438-1. In each instance, the NPIC installation number is 1, but the installations appear on different WACs.

The photo reference indicates frame(s) on which the target appears, and conditions which affect interpretation of the target.

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